

SIEMENS

Product data sheet

6ES7154-1AA01-0AB0

SIMATIC DP,
PROFIBUS DP INTERFACE MODULE IM154-1 DP
FOR ET 200PRO INCLUSIVE TERMINATING
MODULE,
CONNECTING MODULE IM 6ES7194-4A.00-0AA0
MUST BE ORDERED SEPARATELY



General information

Vendor identification (VendorID) 8118H

Supply voltage

Rated value (DC) 24 V

24 V DC Yes

permissible range, lower limit (DC) 20.4 V

permissible range, upper limit (DC) 28.8 V

Reverse polarity protection Yes ; against destruction

Short-circuit protection Yes ; over exchangeable fuses

Input current

from supply voltage 1L+, max. 200 mA

Power losses

Power loss, typ. 5 W

Address area

Addressing volume

Outputs	244 byte
Inputs	244 byte
Interfaces	
PROFIBUS DP	
Automatic detection of transmission speed	Yes
1st interface	
Type of interface	PROFIBUS DP
Physics	RS 485
Functionality	
DP slave	Yes
DP slave	
Services	
SYNC/FREEZE	Yes
Direct data exchange (slave-to-slave communication)	Yes
Transmission rate, min.	9.6 kbit/s
Transmission rate, max.	12 Mbit/s
Interrupts/diagnostics/status information	
Diagnostics indication LED	
Bus fault BF (red)	Yes
Group error SF (red)	Yes
Monitoring 24 V voltage supply ON (green)	Yes
Load voltage monitoring DC 24 V (green)	Yes
Parameter	
DPV1 operation	possible
Hardware interrupt	Parameterizable
Swapping interrupt	Parameterizable
Startup if setpoint not equal to actual configuration	Parameterizable
Isolation	
Isolation checked with	500 V DC
Degree and class of protection	
IP67	Yes
Ambient conditions	
Operating temperature	

Min.	-25 °C
max.	55 °C
Storage/transport temperature	
Min.	-40 °C
max.	70 °C
Dimensions	
Width	90 mm
Height	130 mm
Depth	59.3 mm
Weight	
Weight, approx.	375 g
Status	Jul 17, 2012